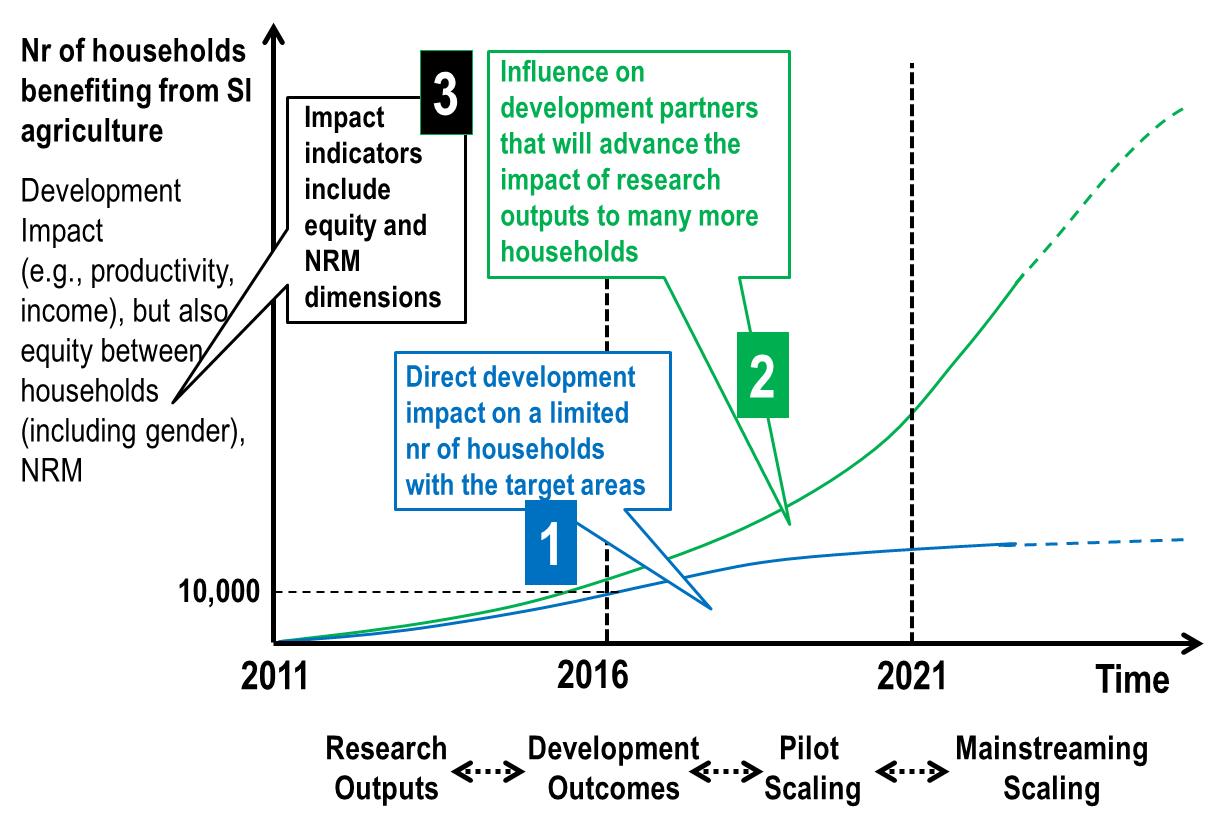
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| **AfricaRISING – Program framework** |



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| **Impact pathway:** | | **AfricaRISING research activities** | **Research Outputs** | | **Development outcomes** | **Development impacts related to SI** |
| **Generic research and development outputs/ outcomes:** | | * Project work plans | | * Demand-driven options for SI * Knowledge on SI * Delivery pathways | * System improvement through SI in communities participating in AfricaRISING * Enhanced capacity of partners engaged in AfricaRISING | |
| **SI indicator framework** | **Producti-vity** | * Cluster of research protocols in relation to productivity | * Innovations to increase crop and livestock productivity, and input and water use efficiency | | * More feed, food fiber and fuel per farm * Extra produce for sales and income | * **Food security** * **Enhanced income** |
| **Economic** | * Cluster of research protocols in relation to factor productivity, and market/value chain options | * Innovations to increase factor productivity * Enhanced access to markets and value added options | | * More produce per unit of labor invested * More revenue per unit of produce sold | * **Poverty reduction** |
| **Environ-ment (NRM)** | * Cluster of research protocols in relation to NRM | * Innovations to increase nutrient balances, biodiversity, and tree cover on farms | | * Improved soil fertility * Reduced GHG emissions | * **Resilience of production** * **Climate change mitigation** |
| **Social** | * Cluster of research protocols in relation to social capital and collective action | * Innovations for collective action in the area of NRM, market access, etc | | * More engagement of more farming families in activities for improved livelihoods | * **Enhanced social capital, reduced conflict** |
| **Human (nutrition)** | * Cluster of research protocols in relation to nutrition | * Nutritionally optimized crop combinations | | * More protein/vitamin intake * More control by women over diets | * **Improved woman and child nutrition** |
| **Cross-cutting** | **Trade-off analysis** | * Tools for farming system and trade-off analysis | * Quantification of trade-offs | | * Enhanced synergies between interventions | * More efficient delivery of development impacts |
| **Typologies and equity** | * Tools for inclusive experimentation | * Inclusive models for technology development | | * Broad engagement of major typologies | * Enhanced equity |

Could contain 2 statements:

1. By 2021, within AfricaRISING target areas/communities, improvements in livelihood status (income, nutrition) by X% for at least Y households with Z improvement of NRM status and ensuring that benefits are equitably shared within farming communities….

2. By 2021, X development/scaling/value chain partners are advancing research results to Y households beyond the AfricaRISING target areas/communities…

Other draft stuff

Research outputs:

* Demand-driven, technology-based options for sustainable intensification and food security suitable for various agro-ecological, socioeconomic and household conditions
* Body of knowledge and experiences on SI and FS, documented, systematized, made available through open access mechanisms? and communicated to key stakeholders?
* Delivery pathways for technological innovations for SI and FS identified and demonstrated

Development outcomes:

* Enhanced capacities for research and development of national partner institutions involved in innovation for SI and FS.
* Improvement of FS through SI in communities participating in Africa RISING demonstrated using specific indicators?